

Title (en)

PHARMACEUTICAL COMPOSITIONS FOR INHIBITING ANGIOGENESIS BY PEDF FRAGMENTS

Title (de)

PHARMAZEUTISCHE ZUSAMMENSETZUNG ZUR ANGIOGENESE-HEMMUNG MITTELS EINES PEDF-FRAGMENTES

Title (fr)

COMPOSITIONS PHARMACEUTIQUES PERMETTANT D'INHIBER L'ANGIOGENESE PAR DES FRAGMENTS DE PEDF

Publication

**EP 1265627 A2 20021218 (EN)**

Application

**EP 01914469 A 20010222**

Priority

- US 0105915 W 20010222
- US 51168300 A 20000223
- US 60347800 A 20000623

Abstract (en)

[origin: WO0162725A2] The present invention provides a method of inhibiting angiogenesis within a tissue by providing exogenous PEDF to cells associated with the tissue. The presence of exogenous PEDF inhibits angiogenesis within the tissue, in part by interfering with the ability of vascular endothelia to expand within the tissue. The invention also provides a method for determining the severity of a tumor by assaying for the presence of PEDF within the tumor. The invention further provides a method of inhibiting endothelial cell migration, a method of stimulating the growth of hair in a mammal, a method for inhibiting the growth of a tumor, a method of inducing differentiation of a neuroblastoma cell, a method of slowing the growth of a neuroblastoma cell, and method of treating ischemic retinopathy in a mammal. To facilitate the inventive methods, the present invention provides pharmaceutical compositions including sources of PEDF.

IPC 1-7

**A61K 38/16**

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **A61K 38/57** (2006.01); **A61K 45/00** (2006.01); **A61P 15/00** (2006.01); **A61P 17/00** (2006.01); **A61P 27/02** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C12N 5/07** (2010.01); **C12N 5/079** (2010.01); **C12N 5/10** (2006.01); **G01N 33/574** (2006.01); **G01N 33/68** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP)

**A61K 38/57** (2013.01); **A61P 15/00** (2017.12); **A61P 17/00** (2017.12); **A61P 27/02** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **G01N 33/57484** (2013.01); **G01N 33/6881** (2013.01); **A61K 48/00** (2013.01)

Cited by

US10081668B2; US11261237B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0162725 A2 20010830**; **WO 0162725 A3 20020321**; AT E413185 T1 20081115; AU 3985501 A 20010903; CA 2401096 A1 20010830; DE 60136444 D1 20081218; EP 1265627 A2 20021218; EP 1265627 A4 20030423; EP 1265627 B1 20081105; ES 2316437 T3 20090416; HK 1051327 A1 20030801; JP 2004516001 A 20040603

DOCDB simple family (application)

**US 0105915 W 20010222**; AT 01914469 T 20010222; AU 3985501 A 20010222; CA 2401096 A 20010222; DE 60136444 T 20010222; EP 01914469 A 20010222; ES 01914469 T 20010222; HK 03103665 A 20030523; JP 2001561733 A 20010222